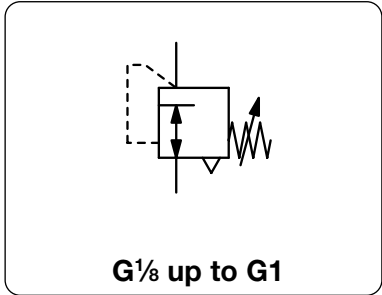


# LOCKABLE PRESSURE REGULATOR

RS

<b>Description</b>	Pressure regulator with diaphragm of solid design lockable with key		
<b>Media</b>	compressed air or non-corrosive gases		
<b>Supply pressure</b>	max. 16 bar		
<b>Air consumption</b>	no air consumption		
<b>Adjustment</b>	by handwheel, lockable		
<b>Relieving function</b>	relieving		
<b>Gauge port</b>	G $\frac{1}{8}$ on both sides of the body		
<b>Mounting position</b>	any		
<b>Temperature range</b>	-10°C to 60°C / 14°F to 140°F		
<b>Material</b>	Body: zinc die-cast	Diaphragm: NBR/Buna-N and brass	
	Lock cylinder: brass	Bottom screw: POM	
	Spring cage: POM and brass	O-ring: NBR/Buna-N	
	Adjusting spring: steel zinc-plated	Return spring: stainless steel	



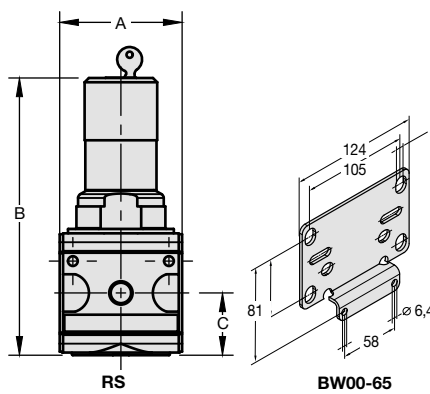
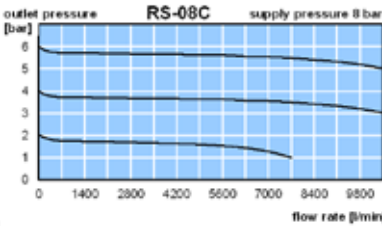
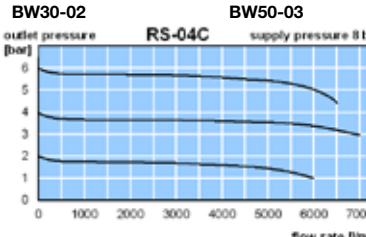
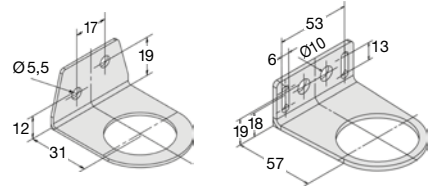
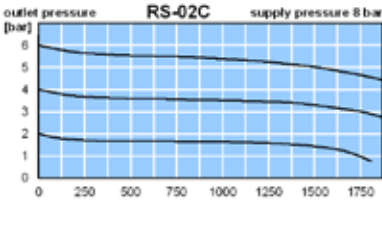
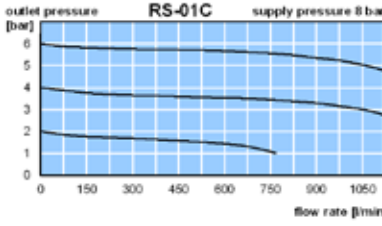
Dimension			K <sub>v</sub> -value	Flow-rate	Connection thread	Pressure range	Order Number
A	B	C					
mm	mm	mm	m <sup>3</sup> /h	m <sup>3</sup> /h*1	l/min*1	G	bar

Lockable pressure regulator							supply pressure max. 16 bar, NBR elastomer for compressed air and neutral gases	RS
40	113	22	1,2	60	1000	G $\frac{1}{8}$	0,1 ... 3 0,2 ... 6 0,5 ... 10	RS-01A RS-01B RS-01C
48	123	27	1,4	90	1500	G $\frac{1}{4}$	0,1 ... 3 0,2 ... 6 0,5 ... 10 0,5 ... 16	RS-02A RS-02B RS-02C RS-02D
69	156	35	5,2	360	6000	G $\frac{1}{2}$	0,1 ... 3 0,2 ... 6 0,5 ... 10 0,5 ... 10	RS-04A RS-04B RS-04C RS-04D
100	209	52	6,1	600	10000	G1	0,1 ... 3 0,2 ... 6 0,5 ... 10 0,5 ... 10	RS-08A RS-08B RS-08C RS-08D



## Accessories, enclosed

<b>pressure gauge</b>	Ø 40 mm, 0... <sup>*2</sup> bar	G $\frac{1}{8}$	for G $\frac{1}{8}$	<b>MA4001-...<sup>*2</sup></b>
	Ø 50 mm, 0... <sup>*2</sup> bar	G $\frac{1}{4}$	for G $\frac{1}{4}$ and G $\frac{1}{2}$	<b>MA5002-...<sup>*2</sup></b>
	Ø 63 mm, 0... <sup>*2</sup> bar	G $\frac{1}{4}$	for G1	<b>MA6302-...<sup>*2</sup></b>
<b>mounting nut</b>	made of plastic		for G $\frac{1}{8}$ and G $\frac{1}{4}$	<b>M30x1,5K</b>
	made of aluminium		for G $\frac{1}{8}$ and G $\frac{1}{4}$	<b>M30x1,5A</b>
	made of plastic		G $\frac{1}{2}$	<b>M50x1,5K</b>
<b>mounting bracket</b>	made of steel		for G $\frac{1}{8}$ and G $\frac{1}{4}$	<b>BW30-02</b>
			for G $\frac{1}{2}$	<b>BW50-03</b>
			for G1	<b>BW00-65</b>



\*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop  
\*2 04 = 0...4 bar, 06 = 0...6 bar, 10 = 0...10 bar